Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086668.D
Acq On : 4 May 2016 10:50
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/5/2016 3:18:39 PM

Quant Time: May 04 11:24:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	209066m	20.00	ng		-0.07
21) Naphthalene-d8	8.03	136	879540	20.00	ng		-0.07
38) Acenaphthene-d10	9.78	164	412742	20.00	ng		-0.07
63) Phenanthrene-d10	11.25	188	719053	20.00	ng		-0.07
75) Chrysene-d12	13.89	240	454929	20.00	ng		-0.07
86) Perylene-d12	15.28	264	393807	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	995011	82.09	ng		-0.07
7) Phenol-d6	6.38	99	1318234	77.93	ng		-0.06
23) Nitrobenzene-d5	7.31	82	1291727	79.16	ng		-0.07
41) 2,4,6-Tribromophenol	10.57	330	334956	76.95	ng		-0.07
44) 2-Fluorobiphenyl	9.10	172	1797436	74.02	ng		-0.07
78) Terphenyl-d14	12.84	244	1723979	83.49	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	256089	40.22	ng	#	75
3) Pyridine	2.93	79	673796	44.71	ng	#	72
4) n-Nitrosodimethylamine	2.90	42	412563	48.04	ng	#	57
6) Aniline	6.41	93	861288	42.07	ng		97
8) 2-Chlorophenol	6.52	128	572811	37.94	ng		88
9) Benzaldehyde	6.28	77	348948	35.46	ng		99
10) Phenol	6.40	94	726236	38.48	ng	#	53
11) bis(2-Chloroethyl)ether	6.48	93	628838	38.54	ng	#	83
12) 1,3-Dichlorobenzene	6.68	146	640654	39.45	ng		99
13) 1,4-Dichlorobenzene	6.76	146	635867	37.95	ng		100
14) 1,2-Dichlorobenzene	6.91	146	600144	39.06	ng		98
15) Benzyl Alcohol	6.89	79	435148	40.66	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1220949	37.39	ng		89
17) 2-Methylphenol	7.01	107	504453	41.34	ng	#	90
18) Hexachloroethane	7.25	117	251681	40.20	ng	#	90
19) n-Nitroso-di-n-propylamine	7.17	70	475371	42.51	ng	#	80
20) 3+4-Methylphenols	7.16	107	527652	37.87	ng	#	90
22) Acetophenone	7.16	105	804180	41.70	ng	#	89
24) Nitrobenzene	7.33	77	759195	45.23	ng		94
25) Isophorone	7.57	82	1215479	38.70	ng		99
26) 2-Nitrophenol	7.64	139	310094	40.12	ng	#	70
27) 2,4-Dimethylphenol	7.69	122	533048	39.31	ng		90
28) bis(2-Chloroethoxy)methane	7.79	93	714504	41.76	ng		99
29) 2,4-Dichlorophenol	7.89	162	494166	43.19	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	532651	40.13	ng		98
31) Naphthalene	8.05	128	1706156	38.12	ng		99
32) Benzoic acid	7.81	122	174278	26.12	ng		86
33) 4-Chloroaniline	8.10	127	657333	39.22	ng	#	90
34) Hexachlorobutadiene	8.17	225	281202	37.79	ng		99
35) Caprolactam	8.49	113	147480	38.64	ng	#	56
36) 4-Chloro-3-methylphenol	8.59	107	507506	38.74	ng		91
37) 2-Methylnaphthalene	8.74	142	994765	37.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	485466	41.09	ng		98
40) Hexachlorocyclopentadiene	8.90	237	203784	34.71	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	320061	42.86	ng		93
43) 2,4,5-Trichlorophenol	9.06	196	325108m	39.94	ng		
45) 1,1'-Biphenyl	9.21	154	1352481	39.20	ng		97
46) 2-Chloronaphthalene	9.23	162	1054682	40.21	ng		97
47) 2-Nitroaniline	9.32	65	368493	43.81	ng	#	73
48) Acenaphthylene	9.64	152	1568439	38.25	ng		99
49) Dimethylphthalate	9.52	163	1235177	39.75	ng		100
50) 2,6-Dinitrotoluene	9.57	165	251457	39.17	ng	#	86
51) Acenaphthene	9.81	154	972119	36.91	ng		99
52) 3-Nitroaniline	9.74	138	310440	42.52	ng		98
53) 2,4-Dinitrophenol	9.85	184	67170	25.10	ng		91
54) Dibenzofuran	9.98	168	1255617	38.15	ng		96
55) 4-Nitrophenol	9.90	139	184692	38.64	ng	#	54
56) 2,4-Dinitrotoluene	9.97	165	313870	38.36	ng	#	85
57) Fluorene	10.33	166	1061734	37.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	236498	37.16	ng		98
59) Diethylphthalate	10.21	149	1201075	40.83	ng		96
60) 4-Chlorophenyl-phenylether	10.32	204	455560	35.11	ng		97
61) 4-Nitroaniline	10.35	138	300591	42.12	ng	#	75
62) Azobenzene	10.48	77	1225244	38.03	ng		86
64) 4,6-Dinitro-2-methylphenol	10.38	198	142898	33.85	ng		87
65) n-Nitrosodiphenylamine	10.44	169	888788	39.55	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	278522	37.59	ng		98
67) Hexachlorobenzene	10.88	284	364761	42.53	ng		99
68) Atrazine	10.97	200	294097	43.58	ng		95
69) Pentachlorophenol	11.07	266	154868	34.25	ng		98
70) Phenanthrene	11.29	178	1560018	41.34	ng		99
71) Anthracene	11.33	178	1546423	38.40	ng		100
72) Carbazole	11.49	167	1448754	40.59	ng		99
73) Di-n-butylphthalate	11.83	149	1551860	38.38	ng	#	98
74) Fluoranthene	12.47	202	1491367	39.15	ng		98
76) Benzidine	12.59	184	410859	26.28	ng		97
77) Pyrene	12.69	202	1523258	46.47	ng		99
79) Butylbenzylphthalate	13.32	149	678103	47.77	ng		92
80) Benzo(a)anthracene	13.88	228	1003360	41.37	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	635804	39.21	ng		97
82) Chrysene	13.92	228	1121068	42.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	751114	42.62	ng		98
84) Di-n-octyl phthalate	14.49	149	1093612	39.63	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.59	276	1061150	54.32	ng		96
87) Benzo(b)fluoranthene	14.89	252	914643m	39.48	ng		
88) Benzo(k)fluoranthene	14.91	252	846107m	35.01	ng		
89) Benzo(a)pyrene	15.22	252	846203	38.69	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	871719	48.70	ng		96
91) Benzo(g,h,i)perylene	16.99	276	911648	50.82	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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